

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10587786"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 13:15
S2	3	"7115680"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 13:28
S3	3	US and "20040242752"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 14:16
S4	19808770	JP "2004009012"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 15:02
S5	4	JP and "2004009012"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 15:02
S6	49942	(poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidenefluoride or (poly \$2vinylidene adj fluoride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:16
S7	12	S6 and (clay with (inorganic adj silicate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:16
S8	3624	S6 and (clay or (inorganic adj silicate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:16

S9	101	S8 and (porous adj film)	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:16
S10	34	S9 and (non with solvent)	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:17
S11	11	S10 and @pd<="20040129"	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:17
S12	111	S8 and ((porous or permeable) adj film)	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:18
S13	16	S12 and (non\$2solvent)	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:18
S14	3	S13 and @pd<="20040129"	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:18
S15	12060	((porous or permeable) adj (film or membrane)).ti.	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:21
S16	1	S15 and (inorganic adj clay)	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:21
S17	220	S15 and (silicate or clay)	US-PGPUB; USPAT: USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:21

S18	13	S17 and (non\$2solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:21
S19	2	S18 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:22
S20	71636	(poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidenefluoride or (poly \$2vinylidene adj fluoride) or PVDF	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:45
S21	4332	S20 and (clay or (inorganic adj silicate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:46
S22	1678	S21 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:46
S23	48	S22 and (non\$2solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:46
S24	2	S15 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:47
S25	0	S23 and (organized adj clay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:55
S26	46	S23 and temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:55

S27	9	S26 and (pore adj diameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 15:57
S28	0	(poor adj solvent) with (phthalic adj acid adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:14
S29	1	(poor adj solvent) with (phthalic adj acid adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:15
S30	4	(poor adj solvent) with (phthalic adj acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:15
S31	3958	solvent with (phthalic adj acid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:18
S32	57	S31 and ((porous or permeable) adj (film or membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:18
S33	18	S32 and (clay or silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:18
S34	9	S33 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:18
S35	2214	solvent with ((phthalic adj acid) with ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:19

S36	43	S35 and ((porous or permeable) adj (film or membrane))	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:19
S37	17	S36 and (clay or silicate)	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:19
S38	8	S37 and @pd<="20040129"	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:19
S39	0	S38 and ((poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidene fluoride or (poly \$2vinylidene adj fluoride) or PVDF)	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:21
S40	21	S36 and @pd<="20040129"	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:24
S41	0	S40 and ((poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidene fluoride or (poly \$2vinylidene adj fluoride) or PVDF)	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:24
S42	0	"10587786" and irregular	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/29 16:32
S43	0	"10587786" and irregular	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:32
S44	1	"10587786" and irregularly	US-PGPUB; USPAT: USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:33

S45	2	(porous adj film) and (polyvinylidene adj fluoride) and (organized adj clay) and @pd<="20050129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/29 16:59
S46	8	"4197148" and (ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/30 14:10
S47	13	"4197148" and (ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:10
S48	13	"4197148" and (ammonium or phosphonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:12
S49	40	"4197148" and solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:14
S50	44	"4197148" and (poor with\$2 solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:14
S51	126016	(poor with\$2 solvent) and (phthalate or (phthalic with ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:22
S52	4765	S51 and ((porous or permeable) with film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:23
S53	2805	S52 and (ammonium or phosphonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:24

S54	359	S53 and ((poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidene fluoride or (poly \$2vinylidene adj fluoride) or PVDF or (P adj V adj D adj F))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:24
S55	130	S54 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:25
S56	5	S55 and ((layered with silicate) or (\$5ammonium with clay))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:30
S57	43724	(poor with\$2 solvent) same (phthalate or (phthalic with ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:34
S58	230	(poor with solvent) same (phthalate or (phthalic with ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:34
S59	36103	(poor with2 solvent) same (phthalate or (phthalic with ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:34
S60	19	S58 and ((porous or permeable) with film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:34
S61	8	S60 and (ammonium or phosphonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:35
S62	3	S61 and ((poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidene fluoride or (poly \$2vinylidene adj fluoride) or PVDF or (P adj V adj D adj F))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:35

S63	0	S62 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 14:35
S64	41	((poly adj vinyl adj idene adj fluoride) or (poly adj vinylidene adj fluoride) or polyvinylidenefluoride or (poly \$2vinylidene adj fluoride) or PVDF or (P adj V adj D adj F)) adj resin) and ((phase adj separation) with temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 15:26
S65	7	S64 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 15:26
S66	0	S65 and clay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 15:26
S67	0	S65 and silicate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 15:26
S68	131	(organized adj clay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:06
S69	12	S68 and ((porous or permeable) adj (membrane or film))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:06
S70	3	S69 and (silicate with ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:08
S71	0	("6683122" or "4810734") with (film or membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:12



S72	249	("6683122" or "4810734") and (film or membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:12
S73	107	S72 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:12
S74	15	("6683122" or "4810734") and ((porous or permeable) with (film or membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:12
S75	3	S74 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:13
S76	347	("6683122" or "4810734")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:38
S77	282	("6683122" or "4810734") and (oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:42
S78	33330736	S72 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:42
S79	124	S77 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/30 16:42
S80	282	("6683122" or "4810734") and (oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:15

S81	124	S80 and @pd<="20040129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:15
S82	14	S81 and ((poly adj vinyl adj idene adj fluoride) or polyvinylidenefluoride or (poly adj vinylidene adj fluoride) or (polyvinyl adj idene fluoride) or (polyvinylidene adj fluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:15
S83	6	S81 and ((poly adj vinyl adj idene adj fluoride) or polyvinylidenefluoride or (poly adj vinylidene adj fluoride) or (polyvinyl adj idene adj fluoride) or (polyvinylidene adj fluoride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:20
S84	7011	"16" and (ammonium or phosphonium or sulfonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:22
S85	6	S83 and (ammonium or phosphonium or sulfonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:22
S86	2	"20030094409" and (additive or filler or strength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:43
S87	16	"6521690"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:48
S88	13	"6521690" and (oxide or epoxide or epoxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 10:50
S89	595	521/122.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 12:42

S90	13	"5105325"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 12:51
S91	29	"5609918"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 13:15
S92	2	"6174965"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 13:16
S93	25	"6270948"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 13:22
S94	13	"6423192"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 13:24
S95	0	"7115680" and (poly adj vinyl adj idene adj fluoride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 15:29
S96	2	"7115680" and (poly adj vinylidene adj fluoride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 15:29
S97	1	"7115680" and poor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/01 15:41

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